

Claims

1. A data acquisition source management method for managing acquisition sources, the data acquisition source management method comprising the steps of:

5 generating a source list for containing at least one acquisition source by a Real-time Multimedia Data On Demand (RTMDOD) server, each of the at least one acquisition source contained in the source list being for provision of data therefrom and being in data communication with the RTMDOD server;

10 providing the source list to a data requestor system, the source list being provided by the RTMDOD server in response to the RTMDOD server receiving a list request from the data requestor system, the data requestor system being in data communication with the RTMDOD server; and

15 receiving a data request from the data requestor system by the RTMDOD server, the data request being a request for data from one or more of the at least one acquisition source being registered on the source list and being indicated thereby.

2. The data acquisition source management method as in claim 1, further comprising a step of:

20 providing a data response from the RTMDOD server to the data requestor system in responses to the data request being received by the RTMDOD server from the data requestor system.

3. The data acquisition source management method as in claim 1, the step of generating a source list containing at least one acquisition source comprising the steps of:

25 transmitting registration data from the at least one acquisition source to the RTMDOD server;

30 verifying the registration data from the at least one acquisition source by the RTMDOD server; and

registering the at least one acquisition source onto the source list and storing the registration data corresponding to the registered at least one

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acquisition source onto a source database in response to the registration data being verified.

4. The data acquisition source management method as in claim 1, the step of providing a source list to the data requestor system comprising the steps of:

transmitting log-in data from the data requestor system to the RTMDOD server;

registering the data requestor system onto a requestor list in response to receiving the log-in data therefrom, the requestor list containing at least one of a plurality of data requestor systems; and

transmitting the source list to each of the plurality of data requestor system registered on the requestor list.

5. The data acquisition source management method as in claim 2, the step of providing a data response from the RTMDOD server to the data requestor system comprising a step of:

transmitting data from the RTMDOD server to the data requestor system, the data being provided by one or more of the at least one acquisition source indicated by and in response to the data request.

6. The data acquisition source management method as in claim 5, wherein the data transmitted from the corresponding at least one acquisition source to the RTMDOD server is subsequently received by the data requestor system in real-time therefrom.

7. The data acquisition source management method as in claim 5, the data received by the RTMDOD server from the corresponding at least one acquisition source being multimedia data.

8. The data acquisition source management method as in claim 2, further comprising a step of:

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providing an error message to the data requestor system by the RTMDOD server in response to the data request.

9. The data acquisition source management method as in claim 4, the step of
5 providing a source list to the data requestor system further comprising the steps of:

verifying status of each of the acquisition source registered on the source list, the status of each of the acquisition source being one of active or inactive;

10 updating the source list by removing the acquisition source having the status of inactive therefrom; and

transmitting the updated source list to each of the plurality of data requestor system registered on the requestor list.

15 10. A data acquisition source management system for managing acquisition sources, the data acquisition source management system comprising:

the means for generating a source list for containing at least one acquisition source by a Real-time Multimedia Data On Demand (RTMDOD) server, each of the at least one acquisition source contained in the source list being for provision of data therefrom and being in data communication with the RTMDOD server;

the means for providing the source list to a data requestor system, the source list being provided by the RTMDOD server in response to the RTMDOD server receiving a list request from the data requestor system, the data requestor system being in data communication with the RTMDOD server; and

30 the means for receiving a data request from the data requestor system by the RTMDOD server, the data request being a request for data from one or more of the at least one acquisition source being registered on the source list and being indicated thereby.

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11. The data acquisition source management system as in claim 10, further comprising:

the means for providing a data response from the RTMDOD server to the data requestor system in responses to the data request being received by the
5 RTMDOD server from the data requestor system.

12. The data acquisition source management system as in claim 10, wherein the means for generating a source list containing at least one acquisition source comprising:

10 the means for transmitting registration data from the at least one acquisition source to the RTMDOD server;

the means for verifying the registration data from the at least one acquisition source by the RTMDOD server; and

15 the means for registering the at least one acquisition source onto the source list and storing the registration data corresponding to the registered at least one acquisition source onto a source database in response to the registration data being verified.

13. The data acquisition source management system as in claim 10, wherein the
20 means for providing a source list to the data requestor system comprising:

the means for transmitting log-in data from the data requestor system to the RTMDOD server;

25 the means for registering the data requestor system onto a requestor list in response to receiving the log-in data therefrom, the requestor list containing at least one of a plurality of data requestor systems; and

the means for transmitting the source list to each of the plurality of data requestor system registered on the requestor list.

14. The data acquisition source management system as in claim 11, wherein the
30 means for providing a data response from the RTMDOD server to the data requestor system comprising:

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the means for transmitting data from the RTMDOD server to the data requestor system, the data being provided by one or more of the at least one acquisition source indicated by and in response to the data request.

5 15. The data acquisition source management system as in claim 14, wherein the data transmitted from the corresponding at least one acquisition source to the RTMDOD server is subsequently received by the data requestor system in real-time therefrom.

10 16. The data acquisition source management system as in claim 14, wherein the data received by the RTMDOD server from the corresponding at least one acquisition source being multimedia data.

15 17. The data acquisition source management system as in claim 11, further comprising:

the means for providing an error message to the data requestor system by the RTMDOD server in response to the data request.

20 18. The data acquisition source management system as in claim 13, wherein the means for providing a source list to the data requestor system further comprising:

the means for verifying status of each of the acquisition source registered on the source list, the status of each of the acquisition source being one of active or inactive;

25 the means for updating the source list by removing the acquisition source having the status of inactive therefrom; and

the means for transmitting the updated source list to each of the plurality of data requestor system registered on the requestor list.